

# NANOTECHNOLOGIES FOR ENVIRONMENT MONITORING

N. DIHOIU<sup>1</sup>

M. FLORESCU<sup>1</sup>

**Abstract:** *Significant changes of the environment due to biomass burning are occurring both locally and globally, leading to climate changes. Environmental studies and other life sciences require a new class of devices with a fast, sensitive and reliable response designed to investigate interactions at very low dimensions and concentrations. The possibility of employing new materials and innovative technologies allows creating new prototype devices.*

**Key words:** *nanodevices, nanosensors, environment protection.*

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\* Transilvania University of Brasov.